
WORLDWIDE
(TM)

Release 3.1A John F. Collins, Biocomputing Research Unit.
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Msrch_n n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Fri Jan 14 15:02:23 2000; MasPar time 73.50 Seconds

Tabular output not generated. 1176.429 Million cell updates/sec

Title: >US-08-978-217-15

Description: (6301-7300) from US08978217.seq (8 of 10)

Perfect Score: 1000 ATCCACCCGAGCTCAACGA.....AGCCTTGGCCCTCTCTCCTC 7300

N.A. Sequence: 6301 TAGGTGGGGCTCGAGTTGCT.....TCGMAACCGAGAGAGAGAG

ALIGNMENTS

Scoring table: TABLE default

Gap 6

Nmatch STD : Dbase 0; Query 0

Searched: 165362 seqs, 43234748 bases x 2

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database: n-issued 1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfilest

Statistics: Mean 8.572; Variance 4.313; scale 1.988

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description	Pred. No.
1	128	12.8	1920	3	US-08-746-	Sequence 1, Applicatio	1.86e-80
2	70	7.0	7218	2	US-08-232-	Sequence 14, Applicati	1.43e-34
3	36	3.6	965	3	US-08-388-	Sequence 22, Applicati	8.50e-10
4	32	3.2	965	3	US-08-388-	Sequence 22, Applicati	3.78e-07
5	31	3.1	215	1	US-08-238-	Sequence 5, Applicatio	1.67e-06
6	29	2.9	215	1	US-08-238-	Sequence 5, Applicatio	3.13e-05
7	28	2.8	1604	4	PCT-US93-0	Sequence 43, Applicati	1.32e-04
8	28	2.8	1604	4	PCT-US93-0	Sequence 9, Applicatio	1.32e-04
9	28	2.8	2544	3	US-08-469-	Sequence 6, Applicatio	1.32e-04
10	28	2.8	7218	2	US-08-232-	Sequence 14, Applicati	1.32e-04
11	27	2.7	2975	2	US-08-368-	Sequence 1, Applicatio	5.45e-04
12	27	2.7	3240	2	US-08-368-	Sequence 1, Applicatio	5.45e-04
13	27	2.7	242	1	US-08-273-	Sequence 1, Applicatio	8.72e-03
14	24	2.4	74	4	PCT-US95-1	Sequence 94, Applicati	3.37e-02
15	24	2.4	75	4	PCT-US95-1	Sequence 99, Applicati	3.37e-02
16	24	2.4	75	4	PCT-US95-1	Sequence 99, Applicati	3.37e-02
17	24	2.4	81	4	PCT-US95-1	Sequence 92, Applicati	3.37e-02
18	24	2.4	81	4	PCT-US95-1	Sequence 98, Applicati	3.37e-02
19	24	2.4	82	4	PCT-US95-1	Sequence 97, Applicati	3.37e-02
20	24	2.4	82	4	PCT-US95-1	Sequence 97, Applicati	3.37e-02

21	23	2.3	65	1	US-08-471-	Sequence 145, Applicat	1.27e-01
22	23	2.3	68	1	US-08-471-	Sequence 143, Applicat	1.27e-01
23	23	2.3	74	4	PCT-US95-1	Sequence 100, Applicat	1.27e-01
24	23	2.3	74	4	PCT-US95-1	Sequence 100, Applicat	1.27e-01
25	23	2.3	81	4	PCT-US95-1	Sequence 98, Applicati	1.27e-01
26	23	2.3	81	4	PCT-US95-1	Sequence 92, Applicati	1.27e-01
27	23	2.3	2277	2	US-08-676-	Sequence 2, Applicatio	1.27e-01
28	23	2.3	2277	3	US-08-676-	Sequence 2, Applicatio	1.27e-01
29	23	2.3	2667	3	US-08-469-	Sequence 1, Applicatio	1.27e-01
30	22	2.2	66	1	US-08-471-	Sequence 144, Applicat	4.64e-01
31	22	2.2	69	1	US-08-471-	Sequence 142, Applicat	4.64e-01
32	22	2.2	69	1	US-08-471-	Sequence 94, Applicati	4.64e-01
33	22	2.2	74	4	PCT-US95-1	Sequence 94, Applicati	4.64e-01
34	22	2.2	111	3	US-08-471-	Sequence 7, Applicatio	4.64e-01
35	22	2.2	242	1	US-08-273-	Sequence 1, Applicatio	4.64e-01
36	22	2.2	32207	3	US-08-770-	Sequence 20, Applicati	4.64e-01
37	21	2.1	59	4	PCT-US95-1	Sequence 95, Applicati	1.65e+00
38	21	2.1	65	1	US-08-471-	Sequence 145, Applicat	1.65e+00
39	21	2.1	66	4	PCT-US95-1	Sequence 93, Applicati	1.65e+00
40	21	2.1	66	1	US-08-471-	Sequence 144, Applicat	1.65e+00
41	21	2.1	68	1	US-08-471-	Sequence 143, Applicat	1.65e+00
42	21	2.1	105	1	US-07-865-	Sequence 13, Applicati	1.65e+00
43	21	2.1	7824	4	PCT-US95-0	Sequence 11, Applicati	1.65e+00
44	20	2.0	56	4	PCT-US95-1	Sequence 88, Applicati	5.66e+00
45	20	2.0	160	1	US-08-323-	Sequence 3, Applicatio	5.66e+00

RESULT 1
US-08-746-789A-1 STANDARD; DNA; UNC; 1920 BP.
xxxxxx

Sequence 1, Application US/08746789A
Sequence 1, Application US/08746789A
Patent No. 5789200

GENERAL INFORMATION:
APPLICANT: Ismail Kola, Martin J. Tytms, Christine Debouck
TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406-0939

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: MICROSOFT WORD

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/746,789A
FILING DATE: No. 5789200el 15, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: William T. Han
REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: AIG 50024
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610 270 5219
TELEFAX: 610 270 4026
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1920
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: NO

CC MOLECULE TYPE: protein
CC FEATURE:
CC NAME/KEY: misc-feature
CC LOCATION: 1..215
CC OTHER INFORMATION: /standard_name="Deduced amino acid
CC OTHER INFORMATION: sequence of PGIP from bean."
SQ SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.

Query Match
Best Local Similarity 18.4%; Pred. No. 1.67e-06;
Matches 40; Conservative 76; Mismatches 98; Indels 3; Gaps 3;

Db 1 MTWNTSSSSVSRRTASCDNRKAKKDKNTSSMTTDCNRTMGVCDPDITRYVNNDSHKN 60
6928 CTGGGAGCCATGCGACCTTCTACATACAT-GCCTTGGCTACACCTGACCCACC 6986
6987 TCCTCCACGACGATTTACTACAAAGGAGATCCTGAGGCGGTGACGCCGACGG 7046
120 YGSKK-TAMTSRRTGKTANNVDSRNMGDAVSGDKNTKKHAKNSADGKVKSKNNGDRN 178
7047 CTGCTCTACAGATTGGCAAGACTCTAGTGGCTGGAAGAGAGAGAGAGAGAGAGT 7106
179 NRYGTGKSNVSNKCGGKRDVSVYANNKCGSSCT 215
7107 CGGATTAAGATCGGGCTGGACCGACGACTGACT 7143

RESULT 6
ID US-08-238-163-5 STANDARD; DNA; UNC; 215 BP.
AC xxxxxx

DE Sequence 5, Application US/08238163
CC Sequence 5, Application US/08238163
CC Patent No. 5569830
CC GENERAL INFORMATION:
CC APPLICANT: BENNETT, Alan
CC APPLICANT: LABAVITCH, John M.
CC APPLICANT: POWELL, Ann
CC APPLICANT: STOTZ, Henrik
CC TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL
CC TITLE OF INVENTION: POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEASE
CC NUMBER OF SEQUENCES: 24
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Townsend and Townsend Hourie and Crew
CC STREET: Stewart Street Tower, One Market Plaza
CC CITY: San Francisco
CC STATE: California
CC COUNTRY: US
CC ZIP: 94105-1493
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: Patent Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/238,163
CC FILING DATE: 03-MAY-1994
CC CLASSIFICATION: 800
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Bastian, Kevin L.
CC REGISTRATION NUMBER: 34,774
CC REFERENCE/DOCKET NUMBER: 2307E-540
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (415) 543-9600
CC TELEFAX: (415) 543-5043
CC INFORMATION FOR SEQ ID NO: 5:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 215 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: single
CC TOPOLOGY: unknown

CC MOLECULE TYPE: protein
CC FEATURE:
CC NAME/KEY: misc-feature
CC LOCATION: 1..215
CC OTHER INFORMATION: /standard_name="Deduced amino acid
CC OTHER INFORMATION: sequence of PGIP from bean."
SQ SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.

Query Match
Best Local Similarity 14.8%; Pred. No. 3.13e-05;
Matches 21; Conservative 56; Mismatches 64; Indels 1; Gaps 1;

Db 49 TYRVNNDSSHNKSSANNVYGGNNVGAATHYHTHTNVSAGADSKYTDVSNAGSSSSNG 108
7028 TTCACAGATCTCCCGTTGTATGTAATCCTGCGGAGAGAGGTGTCAGAGGTGTAGG 6969
109 GPDNNSGADSVSSSKRTATTSRRTGKTANNVDSRNMGDAVSGDKNTKKHAKNSADGK 168
6968 CAAAGAGCATGCTATGATGATGAGTTCGATGTCGATGTTCCACGCCACGATGCTGAGCTGG 6909
169 VSGKNNGDRNN-RYGTGKSNV 189
6908 CCCTCTGCTGAGTGTGCC 6887

RESULT 7
ID US-08-306-691B-43 STANDARD; DNA; UNC; 1604 BP.
AC xxxxxx

DE Sequence 43, Application US/08306691B
CC Sequence 43, Application US/08306691B
CC Patent No. 5734039
CC GENERAL INFORMATION:
CC APPLICANT: Calabretta, Bruno
CC APPLICANT: Skorski, Tomasz
CC TITLE OF INVENTION: ANTISENSE
CC TITLE OF INVENTION: OLIGONUCLEOTIDES TARGETING COOPERATING ONCOGENES
CC NUMBER OF SEQUENCES: 55
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Seidel, Gonda, Lavorgna & Monaco, P.C.
CC STREET: Two Penn Center, Suite 1800
CC CITY: Philadelphia
CC STATE: Pennsylvania
CC COUNTRY: U.S.A.
CC ZIP: 19102
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
CC COMPUTER: IBM PS/2
CC OPERATING SYSTEM: MS-DOS
CC SOFTWARE: Wordperfect 5.1
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/306,691B
CC FILING DATE: September 15, 1994
CC CLASSIFICATION: 514
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER:
CC FILING DATE:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Monaco, Daniel A.
CC REGISTRATION NUMBER: 30,480
CC REFERENCE/DOCKET NUMBER: 8321-8
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (215) 568-8383
CC TELEFAX: (215) 568-5549
CC TELEEX: No. 5734039e
CC INFORMATION FOR SEQ ID NO: 43:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 1604 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: double
CC TOPOLOGY: linear
SQ SEQUENCE 1604 BP; 418 A; 443 C; 408 G; 335 T; 0 OTHER.

CC LENGTH: 3240 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: double
CC TOPOLOGY: linear
CC MOLECULE TYPE: CDNA
CC SEQUENCE 3240 BP; 1070 A; 592 C; 662 G; 916 T; 0 OTHER.

Query Match 2.7%; Score 27; DB 2; Length 3240;
Best Local Similarity 64.2%; Pred. No. 5,45e-04;
Matches 61; Conservative 0; Mismatches 34; Indels 0; Gaps 0;

Db 882 TTCACGCTGCTGATTCACAAAGCTGCTCTAGCTTTGGGGAAGCATAGAACAAACA 941
OY 6358 TTCAAGTTCTTCCTCAGAGGCGCTGGCCCACTCTGGGGCCAGAGAGAACACAC 6417
Db 942 GACATGAACATATGAACCATGGAGAGAGCTTTGAG 976
OY 6418 AACATGACCTATGAGAGCTGAGCGGAGCATGAG 6452

RESULT 13
ID US-08-273-846-1 STANDARD; DNA; UNC; 290 BP.
AC xxxxxx

DE Sequence 1, Application US/08273846
CC Sequence 1, Application US/08273846
CC Patent No. 5641863

CC GENERAL INFORMATION:

CC APPLICANT: SCHREIBER, ALAN D.

CC APPLICANT: PARK, JONG-GU

CC TITLE OF INVENTION: METHODS OF STIMULATING PHAGOCYTOSIS

CC NUMBER OF SEQUENCES: 7

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: NIXON & VANDERHUYE P. C.

CC STREET: 1100 NORTH GLEBE ROAD

CC CITY: ARLINGTON

CC STATE: VIRGINIA

CC COUNTRY: U.S.A.

CC ZIP: 22201-4714

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: floppy disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Patentin Release #1.0, Version #1.25

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/273,846

CC FILING DATE: 12-JUL-1994

CC CLASSIFICATION: 530

CC ATTORNEY/AGENT INFORMATION:

CC NAME: WILSON, MARY J.

CC REGISTRATION NUMBER: 32,955

CC REFERENCE/DOCKET NUMBER: 555-29

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (703) 816-4000

CC TELEFAX: (703) 816-4100

CC INFORMATION FOR SEQ ID NO: 1:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 29 base pairs

CC TYPE: nucleic acid

CC STRANDEDNESS: single

CC TOPOLOGY: linear

CC MOLECULE TYPE: DNA (genomic)

CC SEQUENCE 290 BP; 17 A; 34 C; 8 G; 11 T; 220 OTHER.

Query Match 2.5%; Score 25; DB 1; Length 242;
Best Local Similarity 9.8%; Pred. No. 8,72e-03;
Matches 16; Conservative 38; Mismatches 106; Indels 1; Gaps 1;

Db 53 DUREFRDESCFFPRCC*FXPCALLEDFROMCRRFRFORM*FXPCALLEDFROMCRRFCOV 112

OY 6784 ATGAAGAAGCCCGAGCATGATGACGAGACAGAGAAATGATGAGAACGAGGTGCTC 6843

Db 113 T*FXPCALLEDFROMON**CALLEDFROMPROCEDUREGEPATHTCCFAFPSCNF*EX 172

OY 6844 TGCC-CATTAATTACAGATCACCGGCGCCACACAGAGGTGAGAGAGGACACTAGGCAG 6902
Db 173 BCALLEDFROMON**CALLEDFROMCRRFAPPSCRF*EXEAC 215
OY 6903 AGAGGGCCAGCTCAGCACACATGGGGCTGGGAACCATGCGAAC 6945

RESULT 14
ID PCT-US95-11934-94 STANDARD; DNA; UNC; 74 BP.
AC xxxxxx

DE Sequence 94, Application PC/TUS9511934
CC Sequence 94, Application PC/TUS9511934
CC GENERAL INFORMATION:

CC APPLICANT: Cytogen Corporation

CC TITLE OF INVENTION: Antigen Binding Peptides (Ablides) From

CC Peptide Libraries

CC NUMBER OF SEQUENCES: 103

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: Pennie & Edmonds

CC STREET: 1155 Avenue of the Americas

CC CITY: New York

CC STATE: New York

CC COUNTRY: USA

CC ZIP: 10036

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: floppy disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Patentin Release #1.0, Version #1.30

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: PCT/US95/11934

CC FILING DATE: 20-SEP-1995

CC CLASSIFICATION:

CC ATTORNEY/AGENT INFORMATION:

CC NAME: Mistrock, S. Leslie

CC REGISTRATION NUMBER: 18,872

CC REFERENCE/DOCKET NUMBER: 1101-196-228

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (212) 790-9090

CC TELEFAX: (212) 869-9741/8864

CC TELEX: 66141 PENNIE

CC INFORMATION FOR SEQ ID NO: 94:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 74 base pairs

CC TYPE: nucleic acid

CC STRANDEDNESS: single

CC TOPOLOGY: linear

CC MOLECULE TYPE: DNA (genomic)

CC SEQUENCE 74 BP; 3 A; 4 C; 3 G; 1 T; 63 OTHER.

Query Match 2.4%; Score 24; DB 4; Length 74;
Best Local Similarity 6.2%; Pred. No. 3,37e-02;
Matches 4; Conservative 20; Mismatches 41; Indels 0; Gaps 0;

Db 2 CGAGNN 61

OY 6442 CGAGCATGAGGTGAGTGTGAGCGCTCAGGACCTCTGTTGGGCTCTACTGCTCCCT 6501

Db 62 NBNB 66

OY 6502 AGGTT 6506

RESULT 15
ID PCT-US95-11934-99 STANDARD; DNA; UNC; 75 BP.
AC xxxxxx

DE Sequence 99, Application PC/TUS9511934

CC Sequence 99, Application PC/TUS9511934

CC GENERAL INFORMATION:

CC APPLICANT: Cytogen Corporation

